Image

1644

PTO/SB/17 (10-03)
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OIPE JC17 JAN 05 2004 PATENT & TRADEMARK OFFICE

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT ($) 180.00

Complete if Known	
Application Number	09/292,053
Filing Date	April 14, 1999
First Named Inventor	MITCHELL E REFF
Examiner Name	P. Huynh
Art Unit	1644
Attorney Docket No.	037003-0275739

METHOD OF PAYMENT *(check all that apply)*

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 033975

Deposit Account Name: PILLSBURY WINTHROP LLP

The Director is authorized to: *(check all that apply)*

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, **except for the filing fee** to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) ($) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims		Fee from below		Fee Paid
Total Claims		-20** =		X	=
Independent Claims		- 3** =		X	=
Multiple Dependent					=

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) ($) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee ($)	Small Entity Fee Code	Small Entity Fee ($)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for *ex parte* reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) ($) 180.00

SUBMITTED BY				(Complete *if applicable*)	
Name (Print/Type)	Thomas A. Cawley	*Registration No. (Attorney/Agent)*	40944	*Telephone*	(703) 905-2144
Signature				*Date*	January 5, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Docket Number: 037003-0275739

PATENT APPLICATION

Client Reference: 1997-30-0565D1

OIPE JC177
JAN 05 2004
PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of REFF et al. Group Art Unit: 1644

Application No.: 09/292,053 Examiner: P. Huynh

Filed: April 14, 1999 Confirmation No.: 3037

For: GAMMA-1 ANTI-HUMAN CD23 MONOCLONAL ANTIBODIES AND USE THEREOF AS THERAPEUTICS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

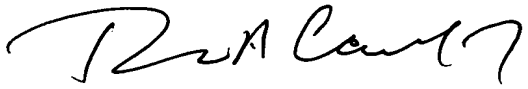
Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the listed references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue there from.

This Supplemental Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

Authorization to charge the fee required under 37 CFR 1.17(p) is enclosed herewith by the attached fee transmittal form. Please credit or debit Deposit Account 033975 as needed to ensure consideration of the disclosed information.

Respectfully Submitted,



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TAC/CR:ntb

01/08/2004 CCHAU1 00000148 033975 09292053
01 FC:1806 180.00 DA

FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PW FORM PAT-1449)
Patent and Trademark Office

Atty. Dkt. No.	M#	Client Ref.
	037003-0275739	1997-30-0565D1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

RECEIVED JAN 05 2004 TECHNOLOGY CENTER 1600 PATENT & TRADEMARK OFFICE

Applicant: Mitchell E. REFF et al.

Appln. No.: 09/292,053

Filing Date: April 14, 1999

Date: January 5, 2004 Page 1 of 1

Examiner: P. Huynh Group Art Unit: 1644

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR	6,001,358	12/1999	Black et al.	424	154.1	
	BR	6,136,310	10/2000	Hanna et al.	424	154.1	

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name		English Abstract		Translation Readily Available	
							Enclosed	No	Enclose	No
	CR									
	DR									

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

	ER	Ngo et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," 1994, The Protein Folding Problem and Tertiary Structure Prediction, Birkhauser Boston, pp. 490-495.
	FR	Boulet et al., "Inhibitory Effects of an Anti-Ige Antibody E25 on Allergen-induced Early Asthmatic Response," *Am J Respir Crit Care Med,* (1997) 155:1835-44.
	GR	Casale et al., "Use of an anti-IgE humanized monoclonal antibody in ragweed-induced allergic rhinitis," *J Allergy Clin Immunol,* (1997), 100:110-120.
	HR	Coyle et al., "Central Role of Immunoglobulin (Ig) E in the Induction of Lung Eosinophil Infiltration and T Helper 2 Cell Cytokine Production: Inhibition by a Non-anaphylactogenic Anti-IgE Antibody," *J Exp Med,* (1996), 183:1303-1310.
	IR	Fahy et al., "The Effect of an Anti-IgE Monoclonal Antibody on the Early-and Late-Phase Responses to Allergen Inhalation in Asthmatic Subjects," *Am J Respir Crit Care Med,* (1997), 155:1828-34.
	JR	Ohashi et al., "Immunotherapy Affects the Seasonal Increase in Specific IgE and Interleukin-4 in Serum of Patients with Seasonal Allergic Rhinitis," *Scan J Immunol,* (1997), 46(1):67-77.
	KR	Ohashi et al., "Serum levels of specific IgE, soluble interleukin-2 receptor, and soluble intercellular adhesion molecule-1 in seasonal allergic rhinitis," *Annals of Allergy, Asthma, and Immunol,* (1997), 79:213-220.
	LR	Ohashi et al., "Ten-Year Follow-Up Study of Allergen-Specific Immunoglobulin E and Immunoglobulin G4, Soluble Interleukin-2 Receptor, Interleukin-4, Soluble Intercellular Adhesion Molecule-1 and Soluble Vascular Cell Adhesion Molecule-1 in Serum of Patients on Immunotherapy for Perennial Allergic Rhinitis," *Scand J Immunol,* (1998), 47:167-178.
	MR	Peebles et al., "Ragweed-specific antibodies in bronchoalveolar lavage fluids and serum before and after segmental lung challenge: IgE and IgA associated with eosinophil degranulation," *J Allergy Clin Immunol,* (1998), 101:265-273.
	NR	Pullerits et al., "An intranasal glucocorticoid inhibits the increase of specific IgE initiated during birch pollen season," *J Allergy Clin Immunol,* (1997), 100:601-605.
	OR	Reff et al., "Depletion of B Cells In Vivo by a Chimeric Mouse Human Monoclonal Antibody to CD20," *Blood,* (1994), 83:435-445.
	PR	Ward E.S. and Ghetie V., "The effector functions of immunoglobulins: implications for therapy," 1995, *Therapeutic Immunology*, 2:77-94.

Examiner	Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.